

Project name	Increase in the Selective Collection of the Fraction of Biowaste of Urban Waste in the LIPOR Region
Project code	POSEUR-03-1911-FC-000253
Main goal	Protect the environment and promote resources efficiency
Region of intervention	North – Porto Metropolitan Area
Beneficiary entity	LIPOR - Greater Porto Region Intermunicipal Waste Management Service

Date of approval	I	15/06/2020
Start date	I	20/05/2019
End date	I	28/11/2023
Total eligible cost	I	3,029,191.22€
Financial support from the European Union		Cohesion Fund – 2,729,266.13€
Nacional/ regional state financial support		299,925.09€
Expected/ achieved goals, activities, and results		The operation is aimed to the selective collection of fractions of food and green waste from urban waste in its area of intervention. Regarding food waste, the planned selective collection takes several forms, depending on the specificities of each municipality and the areas concerned, and aiming to integrating the collection of the organic waste stream into the multimaterial door-to-door collection model (3F), when already existing: - Door-to-door collection in single/bi-family houses, using small-capacity containers per household for use at home itself and for collection (Espinho, Gondomar, Maia, Porto, Póvoa de Varzim and Valongo);





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Collection of containers for collective use by the respective households in multi-family buildings, located in public spaces accessible only by residents, or in public space, but with conditioned access to each container, by key (Espinho, Gondomar, Póvoa de Varzim, Valongo and Vila do Conde);
Residential proximity collection, with conditioned access (Gondomar and Porto);

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- Collection from non-residential producers (Espinho and Matosinhos). Regarding green waste, the planned selective collection also includes different situations:

- Collection of containers placed on the public road, alongside containers for mixed waste and/or in delimited areas with a high potential for green production (Espinho, Gondomar, Matosinhos and Vila do Conde);

- Collection in drop-off sites (Espinho and Matosinhos). In addition to containers for the disposal of food waste and green waste, it is planned to purchase 9 vehicles for the selective collection of this type of waste [Espinho (1), Gondomar (2), Maia (2), Matosinhos (1), Porto (1), Valongo (1) and Vila do Conde (1)].

As a transversal and integrative feature of the project, the adoption of innovative systems is highlighted, namely:

- Use of electronic identifiers in the containers for selective fractions and portable reading systems or those installed in collection vehicles to recognize these electronic identifiers;

 Access to collective deposition equipment, but dedicated to specific accommodation, exclusive to its users;

- Use of advanced GIS and IT tools for the optimization and management of selective collections.

In addition to the acquisition of equipment, the operation also includes:

- Characterization Study and evaluation of mixed waste from LIPOR associated municipalities;

- Communication and awareness campaigns aimed at the population covered by the operation;

- Geographic information system for analysis, management or representation of the space of the project operations to be applied for;

- Financial feasibility study (EVF) to support the application.



Population Served by UW Infrastructure/ equipment/ alternative and innovative waste production and prevention, multi-material collection and recycling systems





N.º of Selective Collection Vehicles